

## Purpose

We create this weekly report to share insights on the solar market with Energy Trust solar trade allies. It includes data from residential and commercial solar and battery storage incentive applications, including capacity, average sizes, and average costs. We provide this information to be transparent and give visibility into market trends and system pricing that could help you create competitive bids and better serve your customers. Questions? Email us at [solar@energytrust.org](mailto:solar@energytrust.org).

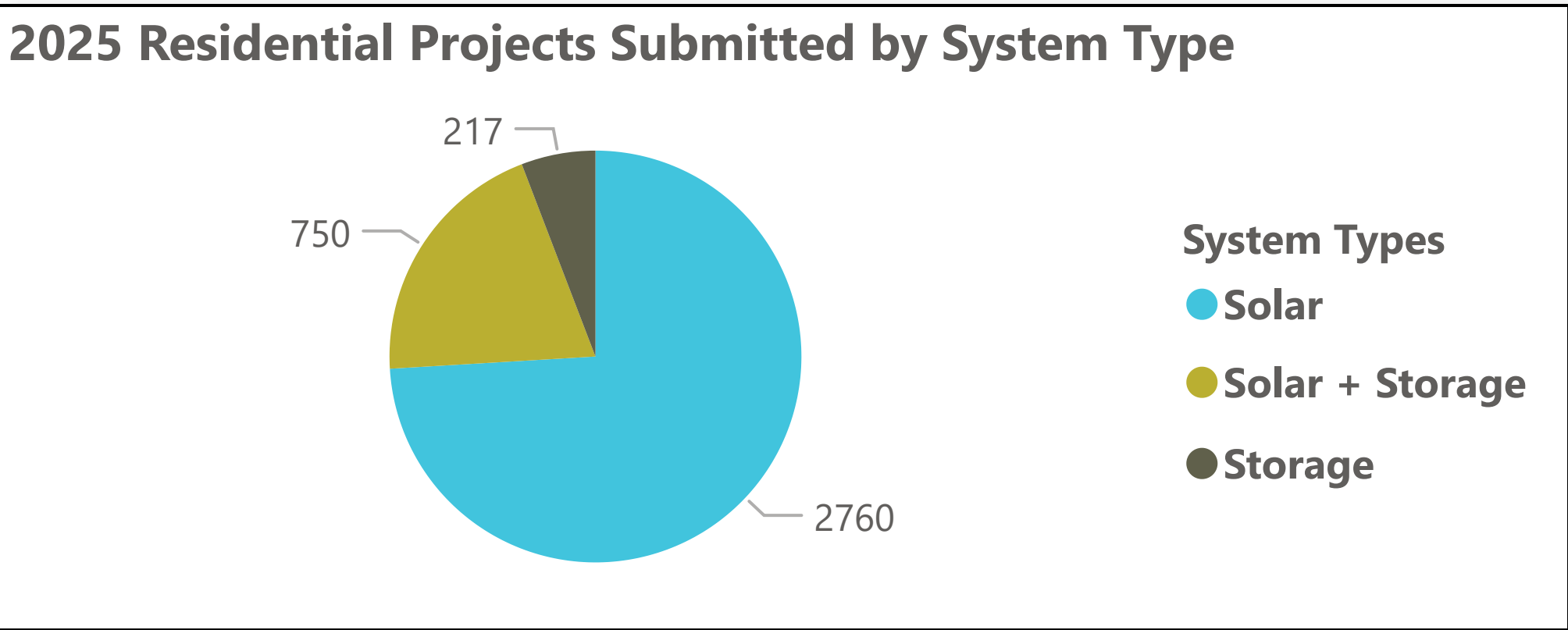
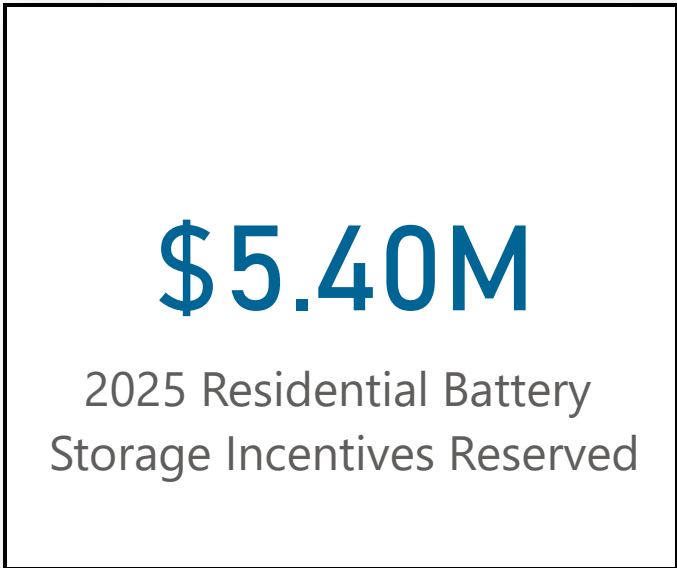
## Details and Definitions

- The report is organized to show costs, capacity, and system sizes specific to solar-only systems, solar + storage systems, and storage-only systems.
- This report references incentive applications submitted into PowerClerk.
- Cancelled applications are omitted.
- Report details are current as of the date listed in the lower right corner of each page of this report.

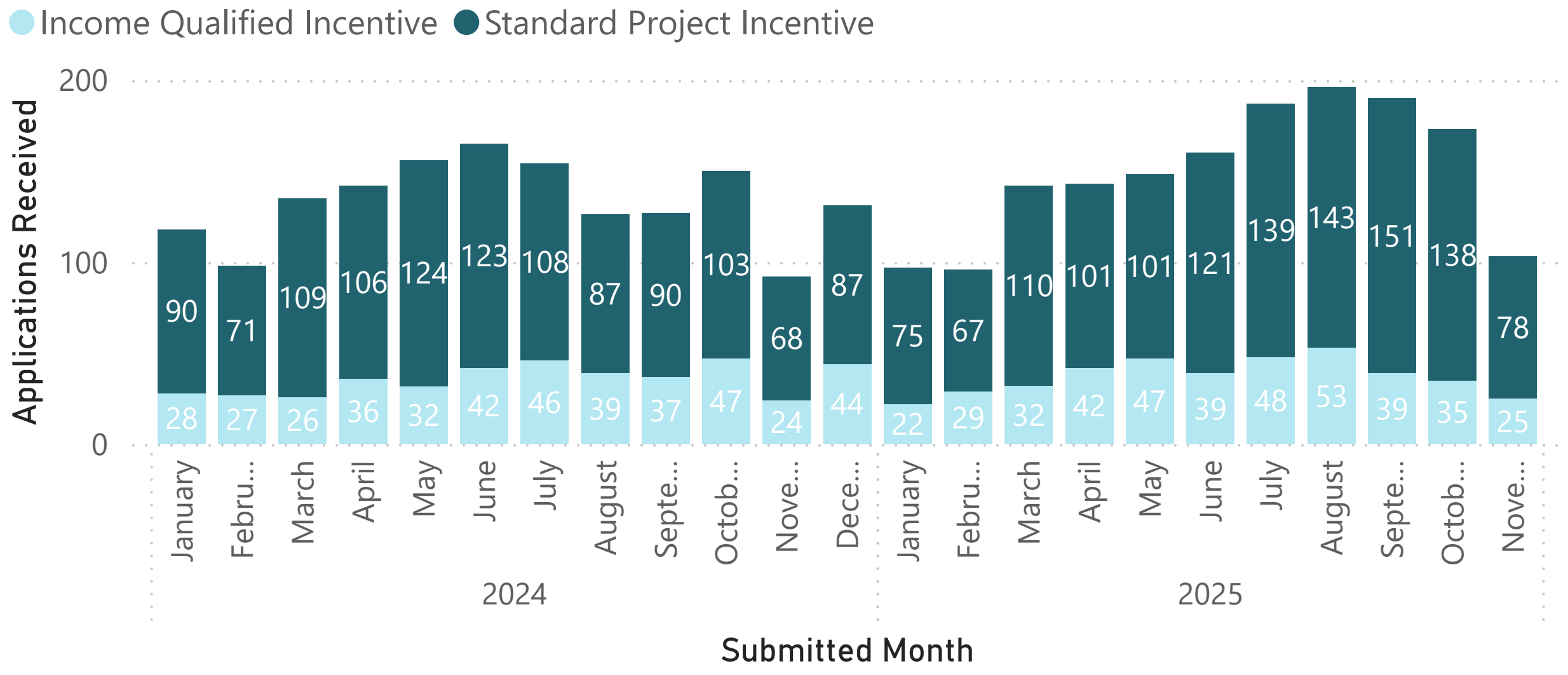
### System cost definitions:

- *System Costs*: Includes solar-system and battery storage costs excluding roofing, electrical, and structural upgrades.
- *Solar Costs*: Typically, this includes the cost to install a photovoltaic system but may include all non-battery related costs. Solar costs exclude battery storage costs when battery storage costs are reported separately.
- *Battery Costs*: Includes all battery-related costs, including batteries, inverter, controller, and installation costs.

## Number of Residential Trade Allies Submitting Applications



## PGE Residential Solar-Only Applications

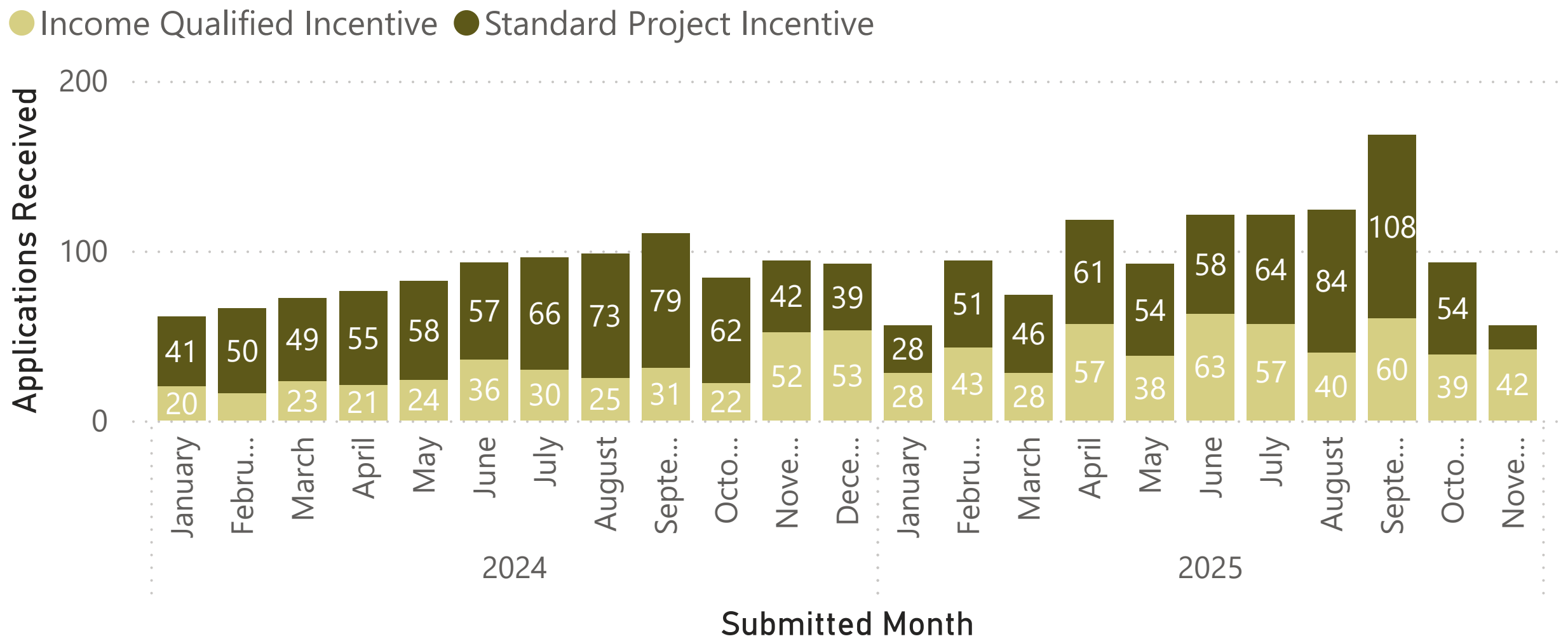


## Residential Solar-Only Applications

### 2024 Residential Solar-Only Applications for PGE and PAC

Year	Quarter	Solar Projects	Total DC Capacity kW	Avg. Size kW	Avg. Cost/W DC Capacity	Avg. System Cost
2024	Qtr 1	550	5,442.93	9.90	\$3.66	\$36,186
2024	Qtr 2	714	6,524.86	9.14	\$3.81	\$34,852
2024	Qtr 3	711	6,471.01	9.10	\$3.88	\$35,352
2024	Qtr 4	643	5,652.06	8.79	\$3.63	\$31,875
Total		2618	24,090.86	9.20	\$3.75	\$34,537

## Pacific Power (PAC) Residential Solar-Only Applications



### 2025 Residential Solar-Only Applications for PGE and PAC

Year	Quarter	Solar Projects	Total DC Capacity kW	Avg. Size kW	Avg. Cost/W DC Capacity	Avg. System Cost
2025	Qtr 1	559	5,376.74	9.62	\$3.54	\$34,084
2025	Qtr 2	782	7,570.43	9.68	\$3.68	\$35,653
2025	Qtr 3	986	9,396.23	9.53	\$3.46	\$32,940
2025	Qtr 4	433	4,259.21	9.84	\$3.40	\$33,449
Total		2760	26,602.61	9.64	\$3.53	\$34,020

Total Residential Solar Projects 2003-2023 = 24,968

# Residential Solar-Only Customer Purchase Details

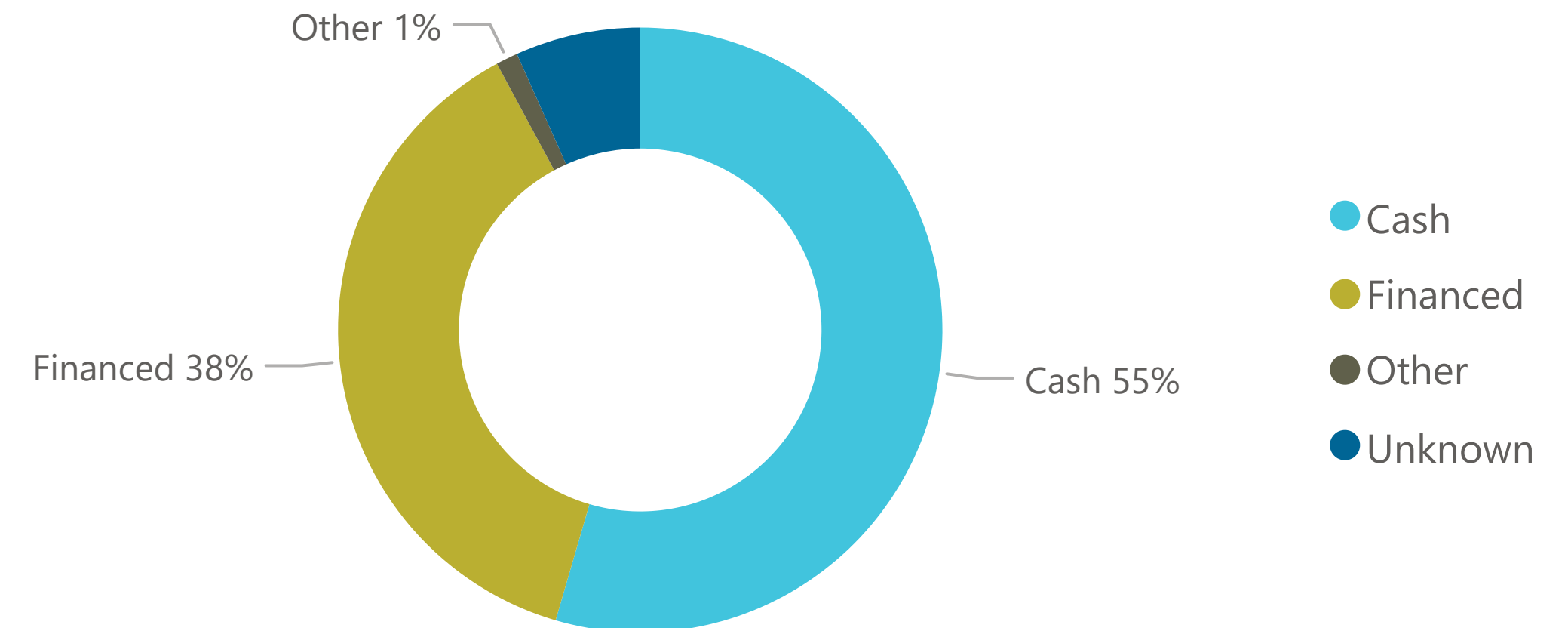
## 2024/2025 Residential Solar-Only - **Financed Systems**

Year	Quarter	Solar Projects	Total DC Capacity kW	Avg. Size kW	Avg. Cost/W DC Capacity	Avg. System Cost
▲						
2024	Qtr 1	93	893.63	9.61	\$4.22	\$40,546
2024	Qtr 2	321	2,940.94	9.16	\$4.68	\$42,833
2024	Qtr 3	345	3,120.93	9.05	\$4.61	\$41,687
2024	Qtr 4	247	2,132.66	8.63	\$4.56	\$39,387
2025	Qtr 1	219	1,995.34	9.11	\$4.50	\$40,974
2025	Qtr 2	329	3,051.60	9.28	\$4.58	\$42,459
2025	Qtr 3	330	3,072.97	9.31	\$4.38	\$40,822
2025	Qtr 4	139	1,317.19	9.48	\$4.20	\$39,805
<b>Total</b>		<b>2023</b>	<b>18,525.24</b>	<b>9.16</b>	<b>\$4.51</b>	<b>\$41,313</b>

## 2024/2025 Residential Solar-Only - **Cash Systems**

Year	Quarter	Solar Projects	Total DC Capacity kW	Avg. Size kW	Avg. Cost/W DC Capacity	Avg. System Cost
▲						
2024	Qtr 1	125	1,346.13	10.77	\$2.89	\$31,146
2024	Qtr 2	363	3,322.45	9.15	\$3.02	\$27,603
2024	Qtr 3	344	3,158.96	9.18	\$3.16	\$29,032
2024	Qtr 4	387	3,443.80	8.90	\$3.03	\$26,963
2025	Qtr 1	329	3,255.35	9.89	\$2.93	\$29,026
2025	Qtr 2	444	4,435.63	9.99	\$3.06	\$30,538
2025	Qtr 3	648	6,232.92	9.62	\$2.99	\$28,735
2025	Qtr 4	292	2,924.86	10.02	\$3.04	\$30,436
<b>Total</b>		<b>2932</b>	<b>28,120.12</b>	<b>9.59</b>	<b>\$3.02</b>	<b>\$28,974</b>

## 2024 and 2025 - How Customers are Paying for Solar-Only Systems



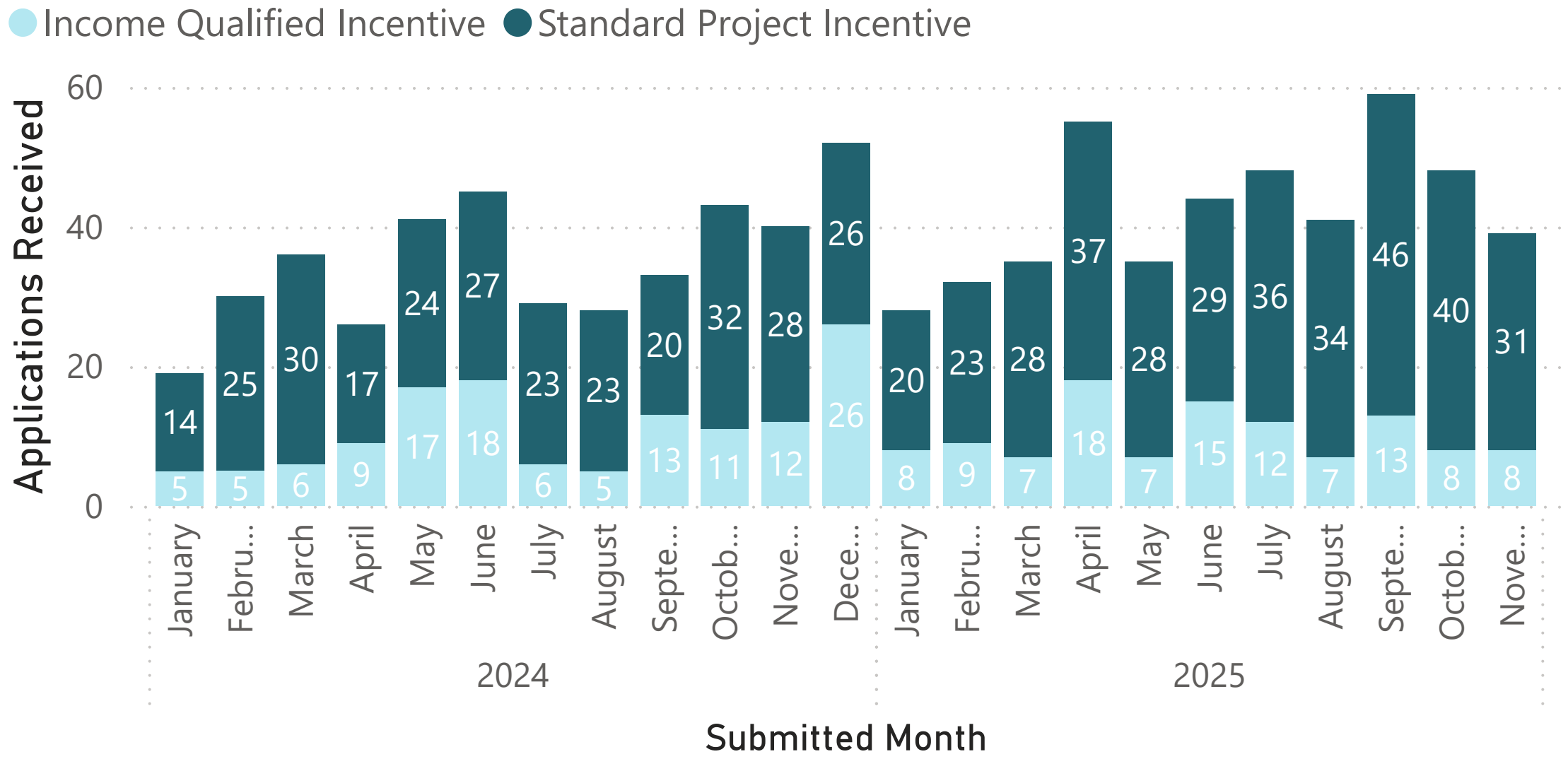
## 2024/2025 Residential Solar-Only - **Other/Unknown Systems\***

Year	Quarter	Solar Projects	Total DC Capacity kW	Avg. Size kW	Avg. Cost/W DC Capacity	Avg. System Cost
▲						
2024	Qtr 1	332	3,203.17	9.65	\$3.82	\$36,862
2024	Qtr 2	30	261.48	8.72	\$4.26	\$37,157
2024	Qtr 3	22	191.12	8.69	\$4.01	\$34,832
2024	Qtr 4	9	75.61	8.40	\$4.39	\$36,901
2025	Qtr 1	11	126.05	11.46	\$4.21	\$48,199
2025	Qtr 2	9	83.20	9.24	\$4.24	\$39,181
2025	Qtr 3	8	90.33	11.29	\$4.29	\$48,445
2025	Qtr 4	2	17.16	8.58	\$3.67	\$31,510
<b>Total</b>		<b>423</b>	<b>4,048.11</b>	<b>9.57</b>	<b>\$3.90</b>	<b>\$37,316</b>

\*Other/Unknown indicates purchase method is not identified in PowerClerk



## PGE Residential S+S Applications

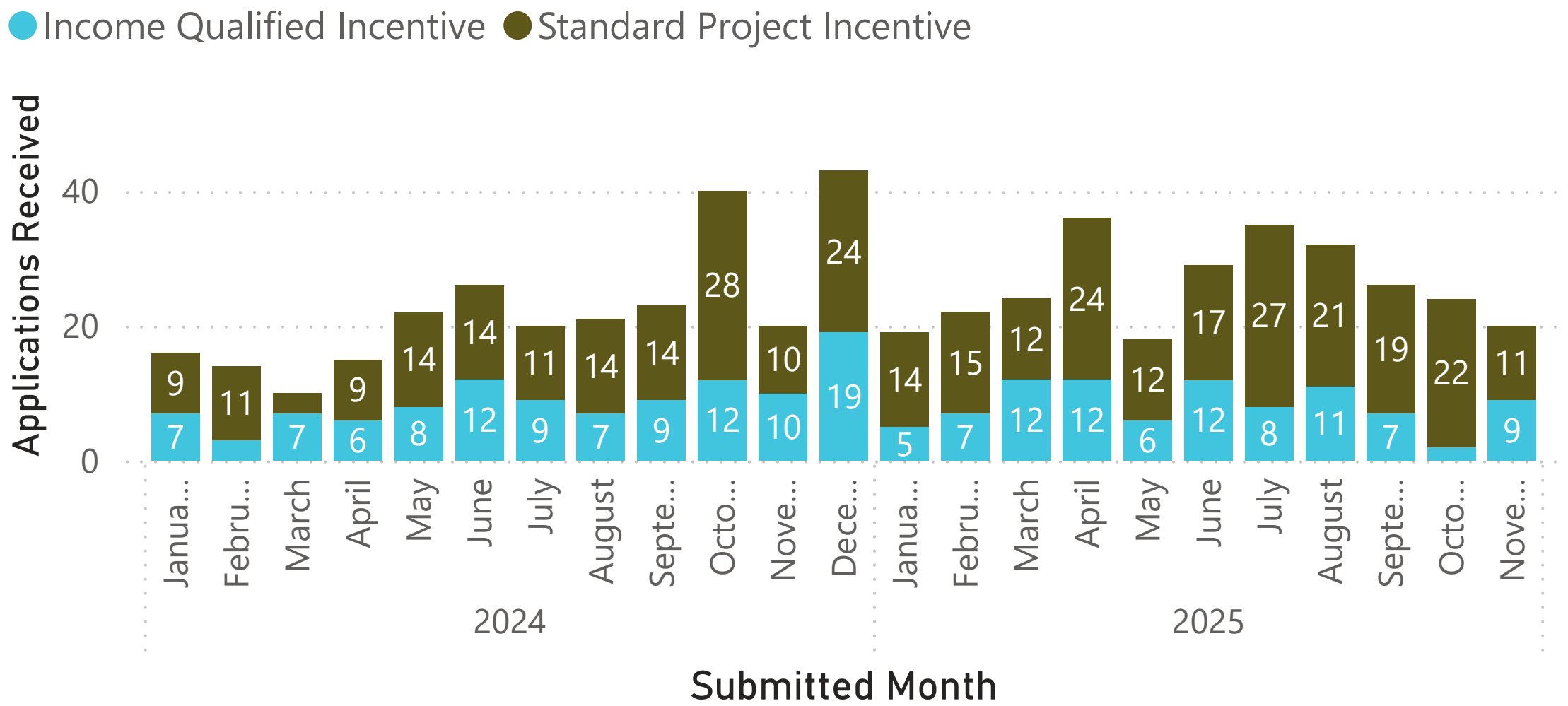


## Residential Solar + Storage Applications

2024 Residential Solar + Storage Applications for PGE and PAC

Year	Quarter	S+S Projects	Avg. Solar Cost	Total Solar Capacity kW	Avg. Solar Capacity kW	Avg. System Cost/W DC Capacity	Avg. Storage Capacity kWh	Avg. Storage Cost/kWh
2024	Qtr 1	125	\$34,836	1,318.89	10.55	\$5.40	23.62	\$936
2024	Qtr 2	175	\$34,823	1,949.48	11.14	\$5.05	18.19	\$1,181
2024	Qtr 3	154	\$36,286	1,654.52	10.74	\$5.32	16.94	\$1,230
2024	Qtr 4	238	\$34,840	2,626.78	11.04	\$5.06	16.72	\$1,255
Total		692	\$35,157	7,549.67	10.91	\$5.17	18.39	\$1,157

## Pacific Power (PAC) Residential S+S Applications

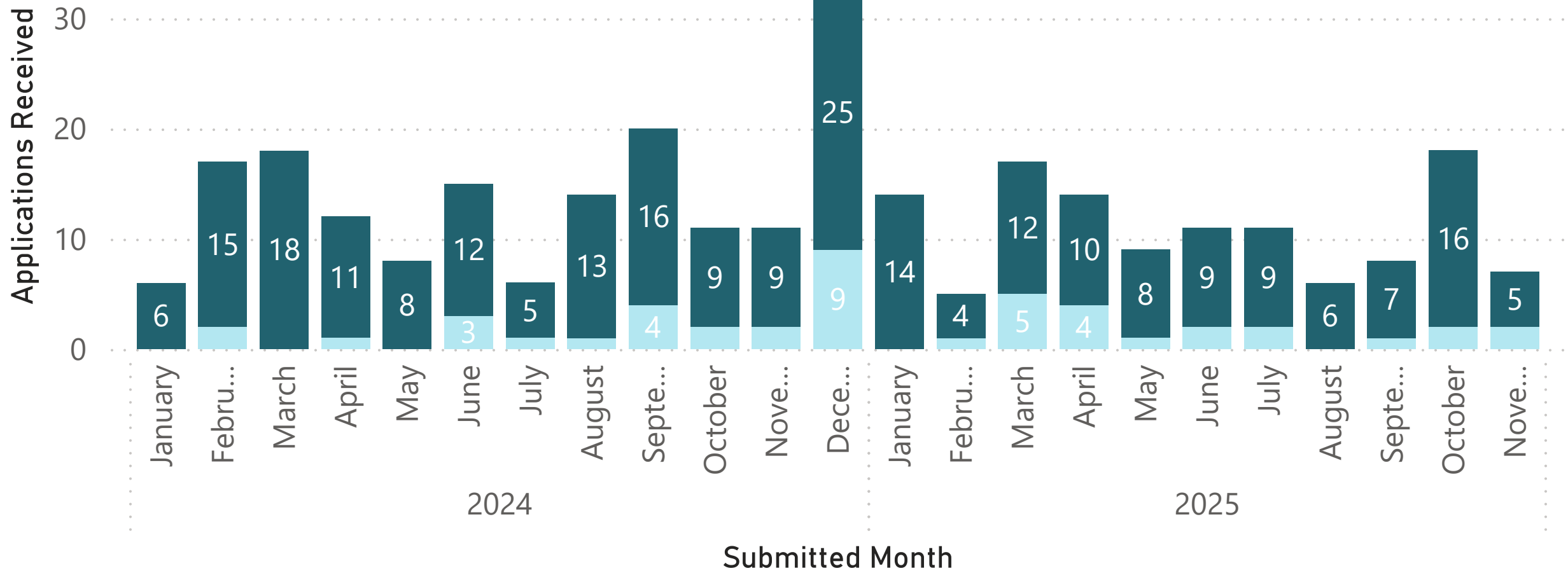


2025 Residential Solar + Storage Applications for PGE and PAC

Year	Quarter	S+S Projects	Avg. Solar Cost	Total Solar Capacity kW	Avg. Solar Capacity kW	Avg. System Cost/W DC Capacity	Avg. Storage Capacity kWh	Avg. Storage Cost/kWh
2025	Qtr 1	160	\$33,643	1,795.49	11.22	\$4.99	17.45	\$1,283
2025	Qtr 2	217	\$34,966	2,588.51	11.93	\$4.81	18.60	\$1,204
2025	Qtr 3	241	\$35,213	2,735.78	11.35	\$4.90	17.67	\$1,154
2025	Qtr 4	132	\$34,238	1,505.41	11.40	\$4.80	17.26	\$1,188
Total		750	\$34,635	8,625.18	11.50	\$4.87	17.82	\$1,202

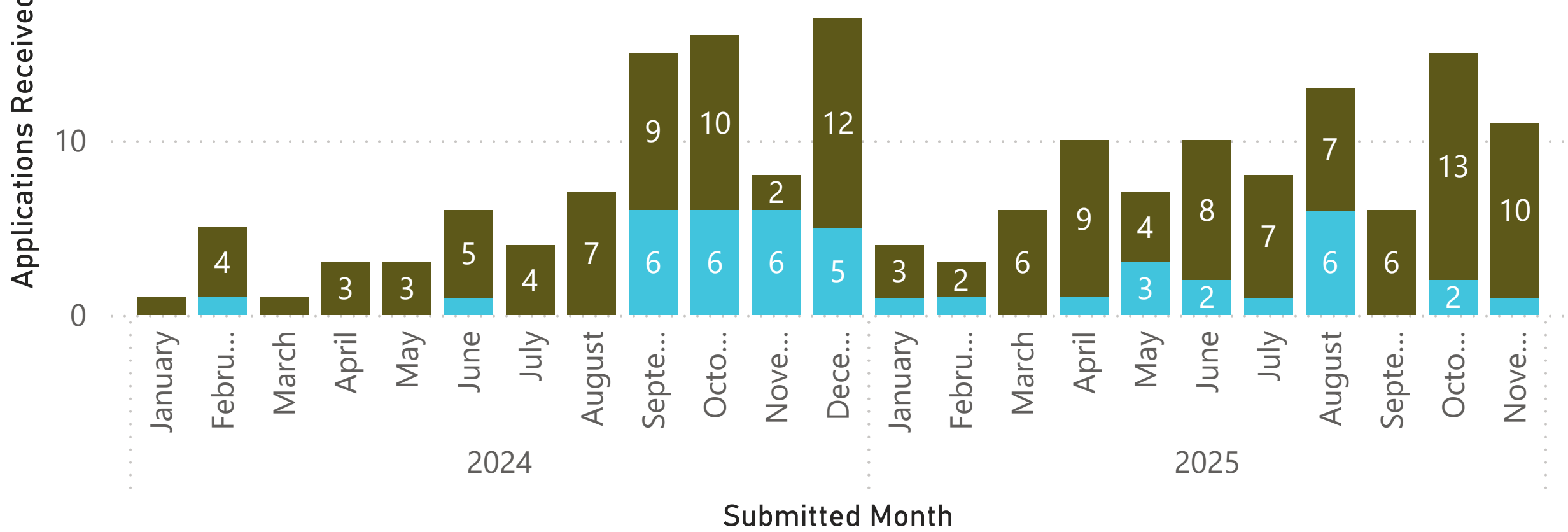
## PGE Residential Battery Storage Applications

Income Qualified Incentive Standard Project Incentive



## Pacific Power (PAC) Residential Battery Storage Applications

Income Qualified Incentive Standard Project Incentive



## Residential Battery Storage Applications

### 2024 Residential Battery Storage\* Applications for PGE and PAC

Year	Quarter	Projects	Total Storage Capacity kWh	Avg. Capacity kWh	Avg. Cost kWh	Total AC Capacity kW
2024	Qtr 1	48	1,041.10	21.69	\$1,120	421.75
2024	Qtr 2	47	841.90	17.91	\$1,249	541.33
2024	Qtr 3	66	1,318.15	19.97	\$1,206	1,013.00
2024	Qtr 4	97	1,611.23	16.61	\$1,317	1,086.27
Total		258	4,812.38	18.65	\$1,232	3,062.35

### 2025 Residential Battery Storage\* Applications for PGE and PAC

Year	Quarter	Projects	Total Storage Capacity kWh	Avg. Capacity kWh	Avg. Cost kWh	Total AC Capacity kW
2025	Qtr 1	49	912.76	18.63	\$1,311	602.50
2025	Qtr 2	61	1,193.92	19.57	\$1,248	868.22
2025	Qtr 3	52	898.30	17.28	\$1,288	659.78
2025	Qtr 4	55	932.22	16.95	\$1,320	658.34
Total		217	3,937.20	18.14	\$1,289	2,788.84

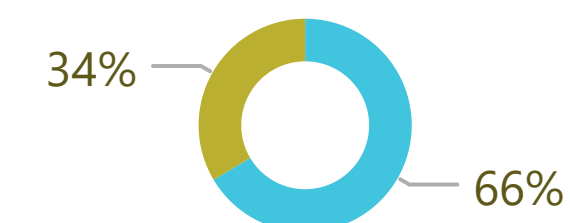
\*Storage systems added to existing solar systems

# Additional Residential Application Details

1614

Installation Phase\*

## Installation Phase\*



Standard Project Incentive Income Qualified Incentive

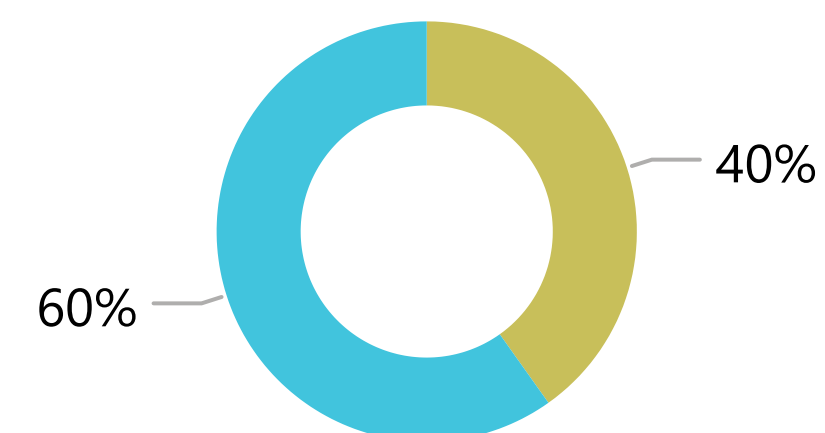
\*Project applications submitted 2023 - 2025 and considered in an active installation or verification phase.

2025

3727

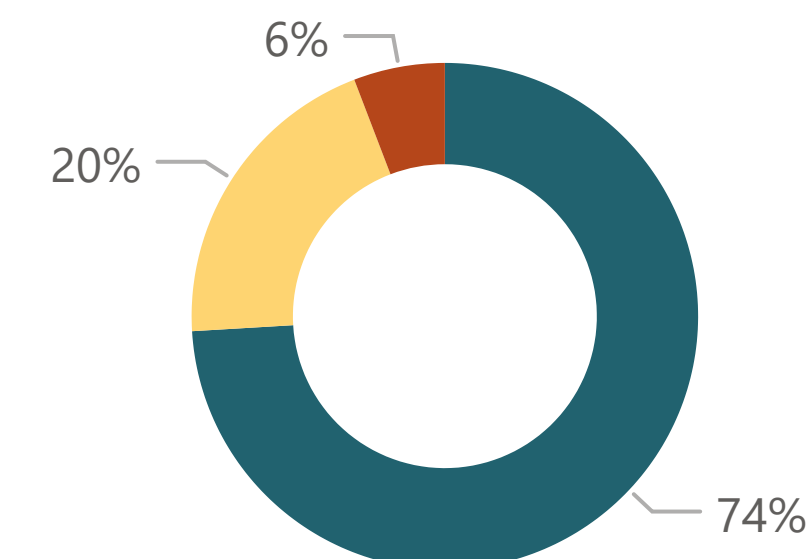
2025 Projects Submitted

## 2025 Utility Split



Pacific Power Portland General Electric

## 2025 System Types



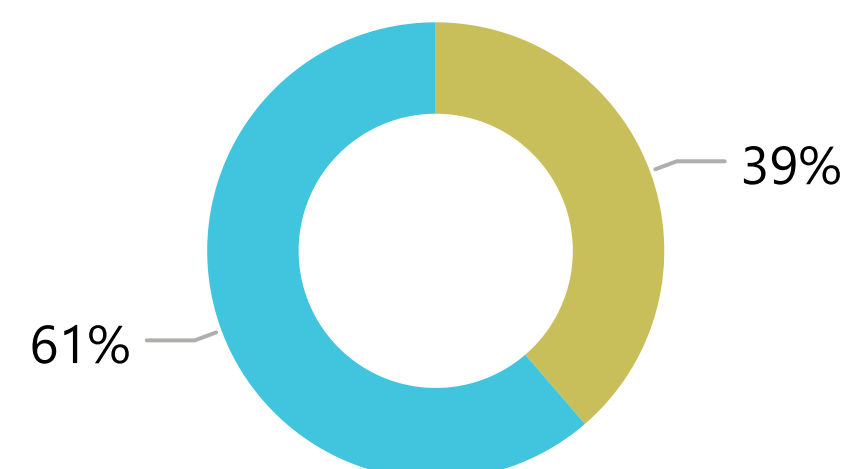
Solar  
Solar + Storage  
Storage

2024

3568

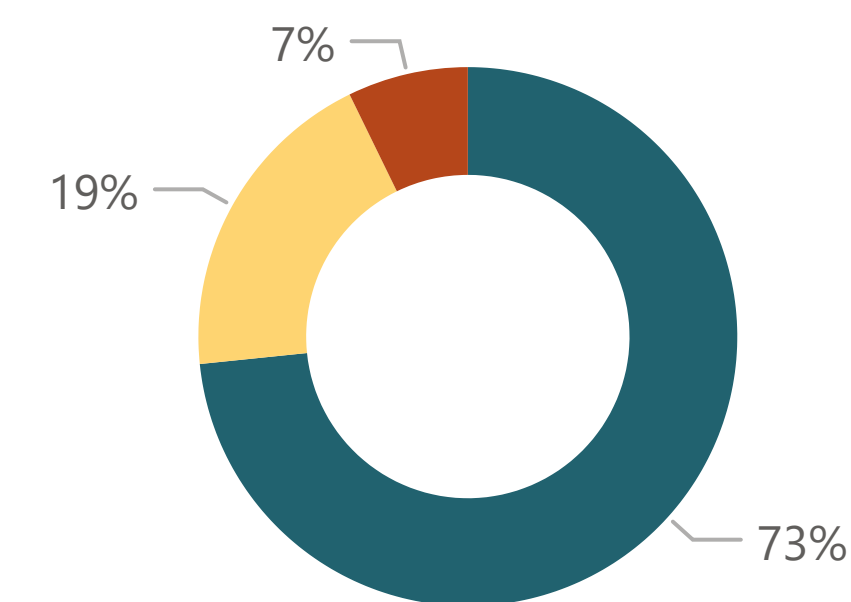
2024 Projects Submitted

## 2024 Utility Split



Pacific Power Portland General Electric

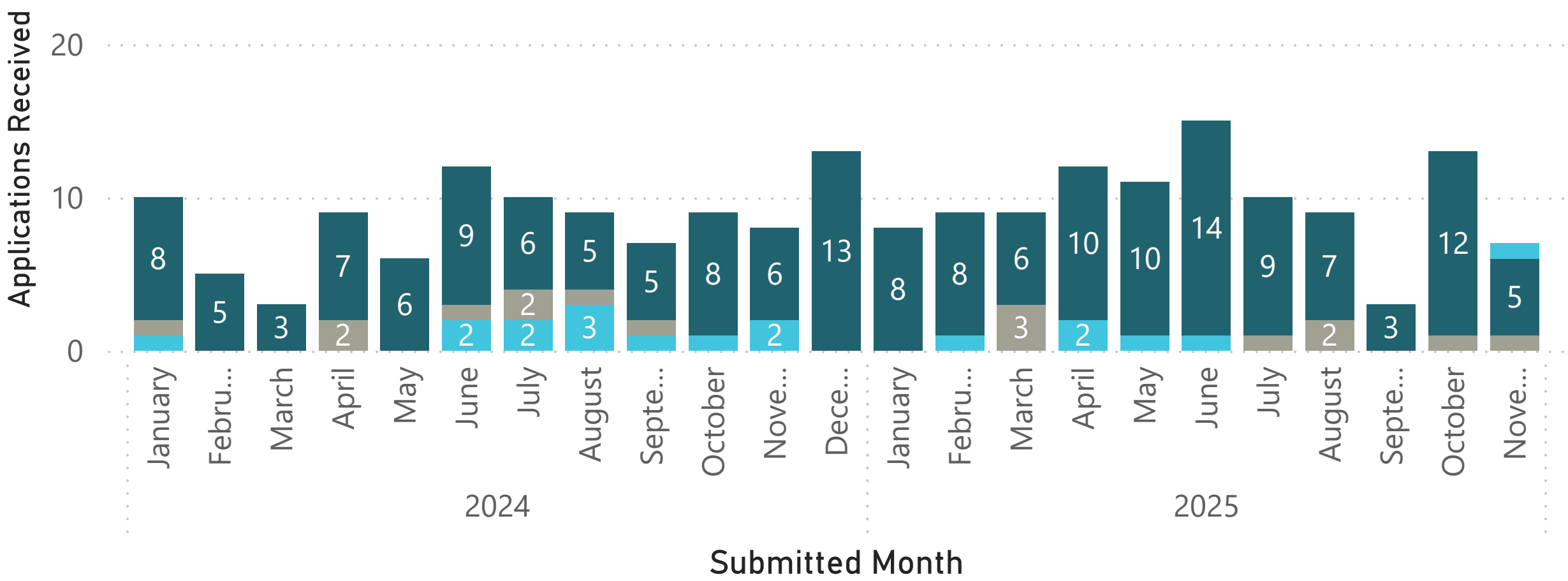
## 2024 System Types



Solar  
Solar + Storage  
Storage

# PGE Business Solar-Only Applications

● Affordable Multifamily Property 
 ● Eligible Nonprofit Organization 
 ● Standard 
 ● Tribal



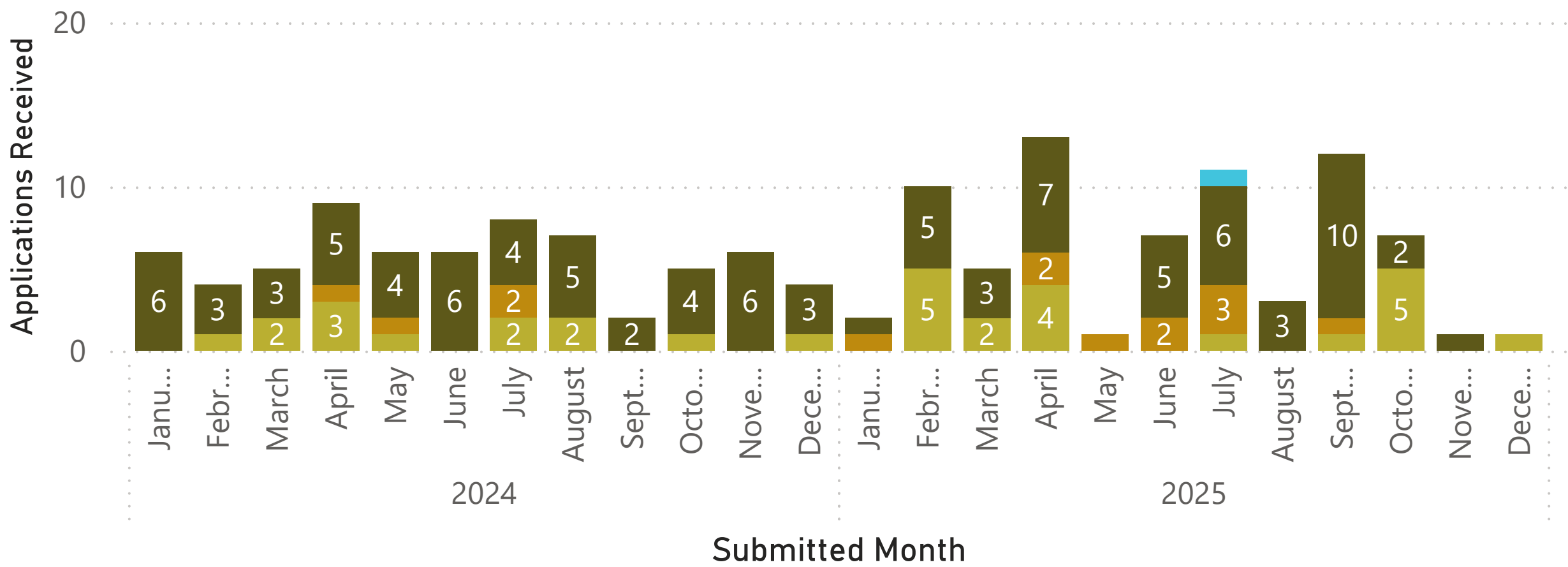
## Business Solar-Only Applications

### 2024 Business Solar-Only Applications for PGE and PAC

Year	Quarter	Solar Projects	Total DC Capacity kW	Avg. Size kW	Avg. System Cost	Avg. Cost/W DC Capacity
2024	Qtr 1	33	2,961.21	89.73	\$238,822	\$2.66
2024	Qtr 2	48	3,442.14	71.71	\$244,690	\$3.41
2024	Qtr 3	43	2,548.84	59.28	\$152,390	\$2.57
2024	Qtr 4	45	3,170.24	70.45	\$187,720	\$2.66
<b>Total</b>		<b>169</b>	<b>12,122.43</b>	<b>71.73</b>	<b>\$204,890</b>	<b>\$2.86</b>

# Pacific Power (PAC) Business Solar-Only Applications

● Affordable Multifamily Property 
 ● Eligible Nonprofit Organization 
 ● Standard 
 ● Tribal



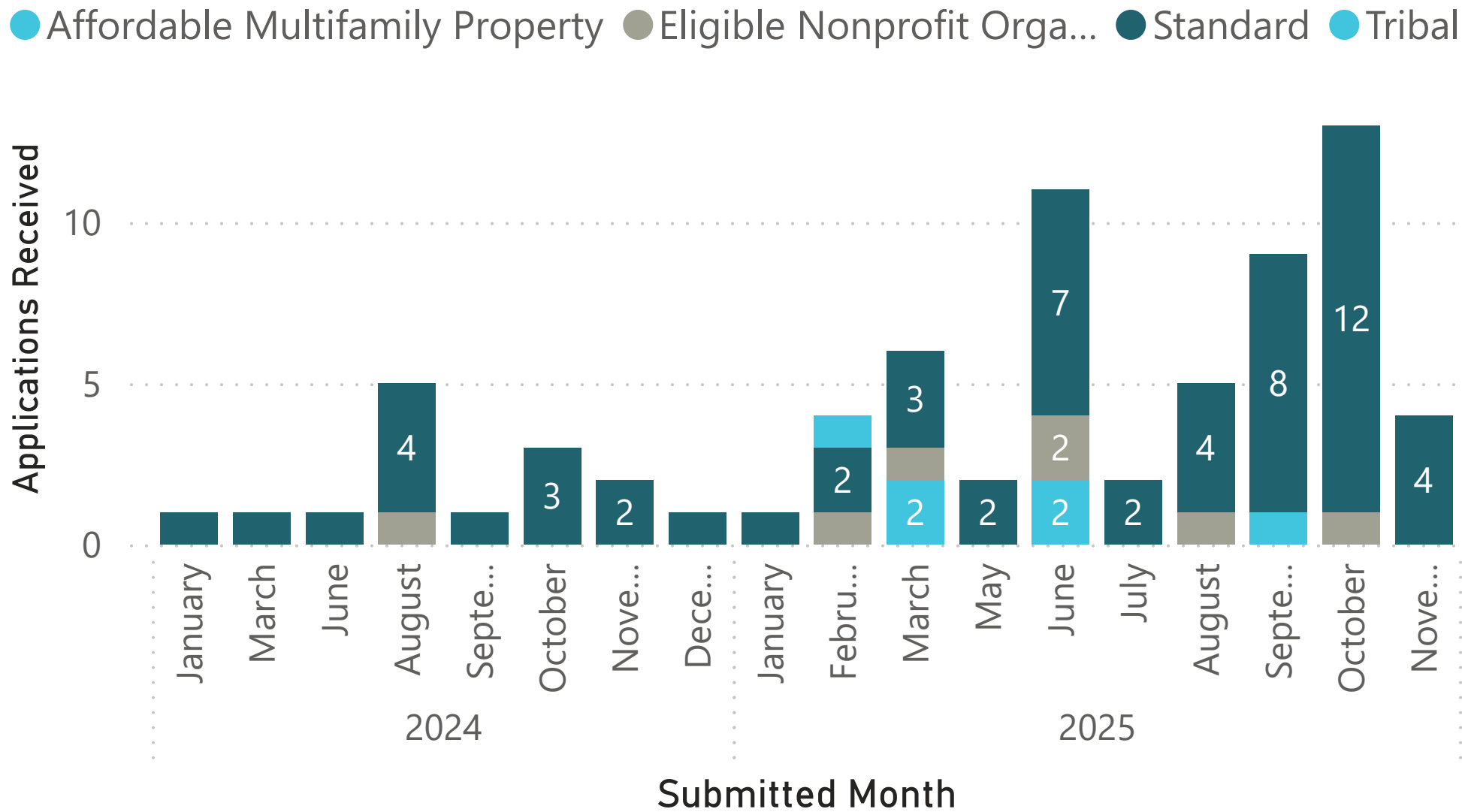
### 2025 Business Solar-Only Applications for PGE and PAC

Year	Quarter	Solar Projects	Total DC Capacity kW	Avg. Size kW	Avg. System Cost	Avg. Cost/W DC Capacity
2025	Qtr 1	43	3,724.47	86.62	\$206,396	\$2.38
2025	Qtr 2	59	3,545.08	60.09	\$154,568	\$2.57
2025	Qtr 3	48	2,912.10	60.67	\$216,030	\$3.56
2025	Qtr 4	29	1,560.55	53.81	\$146,578	\$2.72
<b>Total</b>		<b>179</b>	<b>11,742.20</b>	<b>65.60</b>	<b>\$182,205</b>	<b>\$2.78</b>

**Total Commercial Solar-Only Projects 2003-2023 = 2560**



## PGE Business S+S Applications

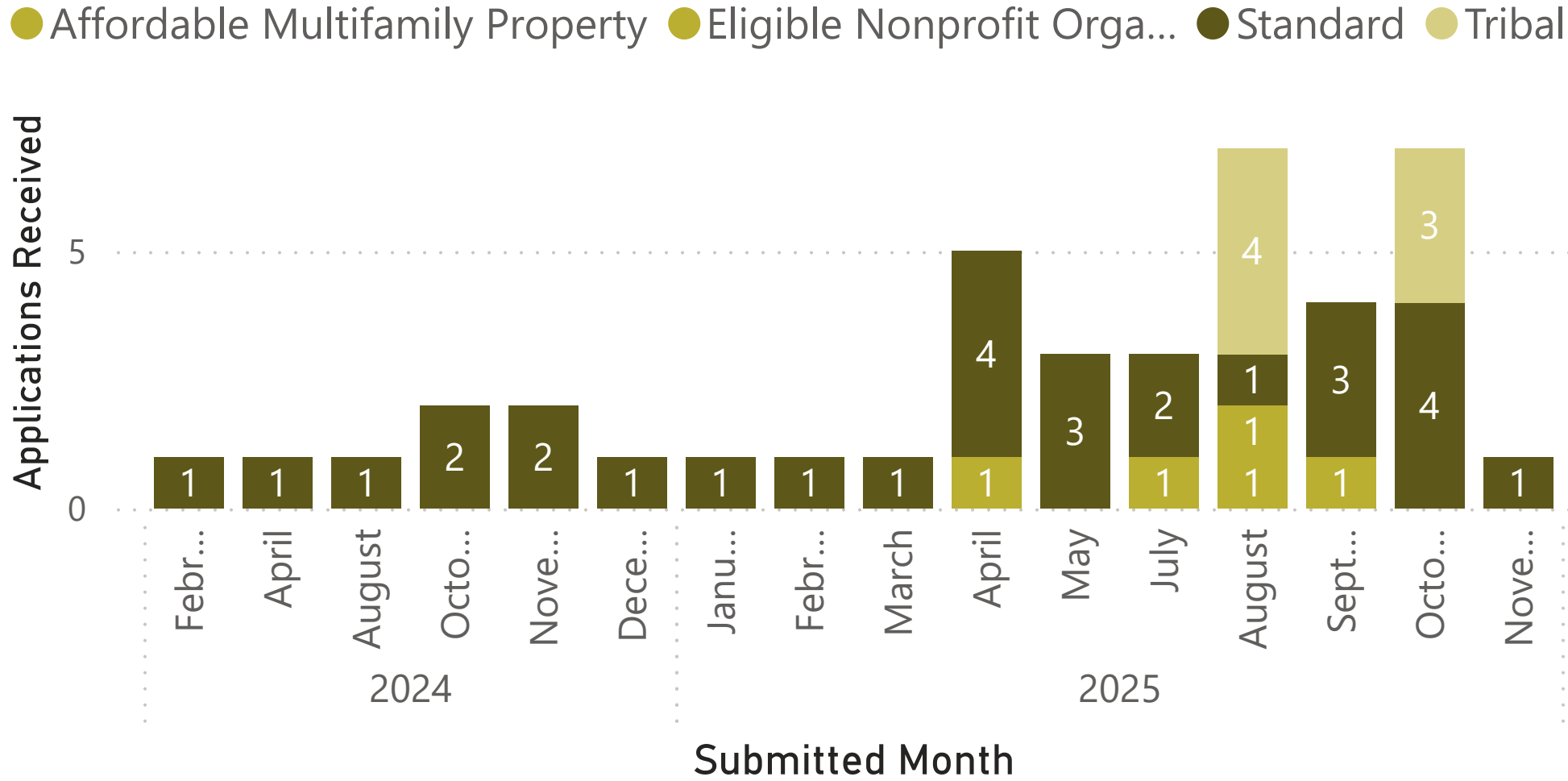


## Business Solar + Storage Applications

2024 Business Solar + Storage Applications for PGE and PAC

Year	Quarter	S+S Projects	Avg. Solar Cost	Total Solar Capacity kW	Avg. Solar Capacity kW	Avg. System Cost/W DC Capacity	Avg. Storage Capacity kWh	Avg. Storage Cost/kWh
2024	Qtr 1	3	\$115,297	105.78	35.26	\$3.94	14.30	\$1,653
2024	Qtr 2	2	\$290,264	282.64	141.32	\$2.67		
2024	Qtr 3	7	\$202,797	454.29	64.90	\$6.51	210.64	\$1,044
2024	Qtr 4	11	\$313,793	1084.96	98.63	\$3.64	27.04	\$1,660
Total		23	\$252,075	1927.66	83.81	\$4.19	78.90	\$1,256

## Pacific Power (PAC) Business S+S Applications



2025 Business Solar + Storage Applications for PGE and PAC

Year	Quarter	S+S Projects	Avg. Solar Cost	Total Solar Capacity kW	Avg. Solar Capacity kW	Avg. System Cost/W DC Capacity	Avg. Storage Capacity kWh	Avg. Storage Cost/kWh
2025	Qtr 1	14	\$158,191	829.61	59.26	\$4.91	81.46	\$1,629
2025	Qtr 2	21	\$146,277	1172.86	55.85	\$4.04	60.67	\$1,311
2025	Qtr 3	30	\$195,221	1556.62	51.89	\$5.42	91.31	\$941
2025	Qtr 4	25	\$310,929	3394.71	135.79	\$2.71	47.02	\$1,220
Total		90	\$210,181	6953.80	77.26	\$3.80	70.32	\$1,191

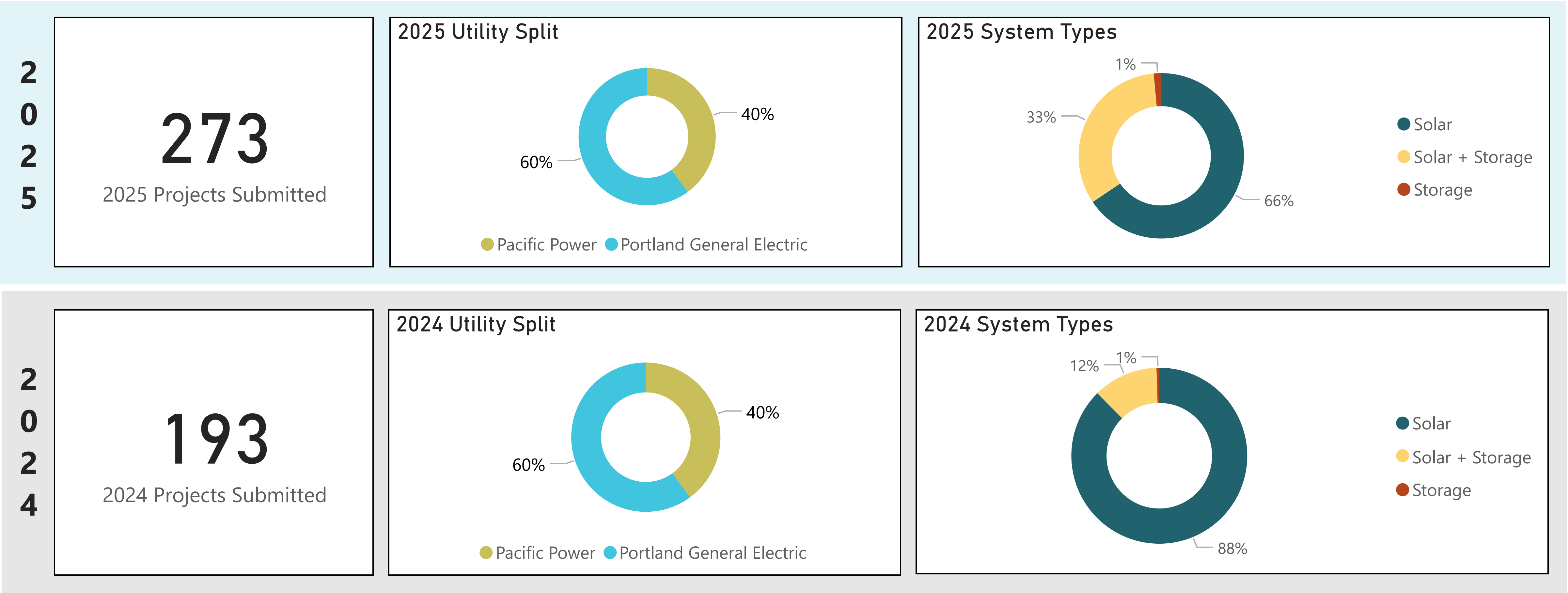


# Additional Business Application Details

327

Installation Phase\*

\*Project applications submitted 2023 - 2025 and considered in an active installation phase.





# Business Battery Storage\* Applications

\*Battery Storage systems added to existing solar systems

Year	Quarter	Projects	Total Storage Capacity kWh	Avg. Capacity kWh	Avg. Cost kWh	Total AC Capacity kW
	▲					
2025	Qtr 1	2	78.23	39.12	1,121.74	50.41
2025	Qtr 3	1	30.00	30.00	1,103.50	20.00
2025	Qtr 4	1	45.00	45.00	1,494.80	30.00
Total		4	153.23	38.31	1,227.73	100.41